

AMENDMENTS

In The Claims:

Please amend the claims as follows.

In the Claims

1. - 13. (canceled)

14. (currently amended) An electromagnetic field communications system,
suitable for use with wireless communication devices, comprising:

a structure including an electrically conductive grid array having a grid
opening size; ~~and~~

means for generating a quasi-static non-propagating electromagnetic field
within said structure by feeding a frequency signal into said electrically
conductive grid array, said frequency signal carrying communications; and

means for receiving said communications from said quasi-static non-
propagating electromagnetic field;

wherein the frequency of said frequency signal is selected such that the
dimension of said grid opening size is small relative to the wavelength of said
frequency signal.

15. (previously amended) The electromagnetic field communications system of
claim 14, wherein

the frequency of said frequency signal is selected such that the
wavelength is greater than twice the dimension of said grid opening size.

1 16. (previously added) The electromagnetic field communications system of claim
2 14 wherein

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4 said frequency signal is in the range of 3 to 400 Megahertz.
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2 17. (currently amended) The electromagnetic field communications system of
3 claim 14 wherein

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5 said ~~wireless communication devices~~ means for receiving said
6 communications are selected from the group including computer hardware and
7 computer networking components, cellular telephones, radios, and televisions.
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1 18. (currently amended) An electromagnetic field system, comprising:

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3 a structure including an electrically conducting grid array having a grid
4 opening size;
5 an electromagnetic field generator for generating an quasi-static
6 electromagnetic field within said structure by feeding a frequency signal in the
7 range of 3 to 400 Megahertz into said electrically conductive grid array, said
8 frequency signal carrying communications; and

9 means for receiving said communications from said quasi-static non-
10 propagating electromagnetic field; and

11 wherein said grid opening size is small relative to the wavelength of said
12 frequency signal.
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1 19. (previously added) The electromagnetic field system of claim 18 wherein:

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3 the dimension of said grid opening size is less than one half the wavelength
4 of said frequency signal.